

What is claimed is:

1. A two-component, bio-degradable/absorbable adhesive medical material comprising:  
a bonding component consisting of a solution containing a biodegradable polymer and  
5 either one of an organic solvent, water and a mixture of water and an organic solvent; and  
a hardening component consisting of a low-molecular-weight derivative prepared by  
modifying at least one carboxyl group in a di- or tri-carboxylic acid of the citric acid cycle, with  
an electron-withdrawing group.
- 10 2. The medical material as defined in claim 1, wherein said electron-attracting group is one or  
a combination of two or more selected from the group consisting of a succinimidyl group, a  
sulfosuccinimidyl group, a maleimidyl group, a phthalimidyl group, an imidazolyl group, a  
nitrophenyl group and a tresyl group, and derivatives thereof.
- 15 3. The medical material as defined in claim 1, wherein said biodegradable polymer is one or a  
combination of two or more selected from the group consisting of collagen, atelocollagen,  
alkali-solubilized collagen, gelatin, keratin, albumin, globulin, fibrinogen, glycosaminoglycan,  
chitin, chitosan, polyamino acid and polyalcohol, and derivatives thereof.
- 20 4. The medical material as defined in claim 1, wherein said organic solvent is one or a  
combination of two or more selected from the group consisting of dimethyl sulfoxide (DMSO),  
N,N-dimethylformamide (DMF), lactic acid, lactic acid oligomer, polyethylene glycol and  
polypropylene glycol.
- 25 5. A biological tissue adhesive for bonding between a soft tissue and a soft tissue, between a  
soft tissue and a hard tissue or between a hard tissue and a hard tissue, comprising the medical  
material as defined in either one of claims 1 to 4.
6. An intravascular material consisting of either one of a hemostatic material, a blood-vessel

embolizing material, a sealant and an aneurysm closing material, comprising the medical material as defined in either one of claims 1 to 4.

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